



PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

SHERWOOD, John et al.

Serial N°: 10/849,745

Filed: May 20, 2004

For: METHOD AND APPARATUS FOR LIFTING  
LIQUIDS FROM GAS WELLS§  
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§  
§Customer Number 37003  
Group Art Unit: 3672

Examiner: N/A

Attorney Docket N°: 57.0498 US NP

*Certificate of Mailing*  
I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to: Hon. Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.  
*Lorraine Ronnlund*  
Lorraine Ronnlund  
August 31, 2004  
Date

## INFORMATION DISCLOSURE STATEMENT

HONORABLE COMMISSIONER FOR PATENTS  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.56, 1.97 and 1.98, the Applicant wishes to bring the reference materials listed in the attached Form PTO-1449 to the attention of the U. S. Patent and Trademark Office. Copies of the references are provided for the Examiner's convenience.

No representation is made or intended that a complete and exhaustive prior art search has been made, or that no better references than those set forth below are available. Furthermore, this Statement does not constitute an admission that these references are properly citable against the present application as prior art. It is respectfully requested that these references be considered by the Examiner and formally made of record in this case.

This information disclosure statement is being filed before receipt of the first office action. Therefore, applicants believe that no fees are due. However, in the event that the first office action has been mailed prior to the filing of this information disclosure statement, the Commissioner is authorized to charge Deposit Account No. 19-0615 in the amount of \$180.00, to cover the fee set forth in 37 CFR 1.17(p) for submission of an information disclosure statement under §1.97(c). The Commissioner is authorized to charge or credit any deficiency/overpayment to Deposit Account No. 19-0615. Two copies of this paper are attached.

Respectfully submitted,

William B. Batzer, Registration No. 37,088

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Date: AUGUST 31, 2004



FORM PTO-1449 (Modified)

LIST OF INFORMATION PROVIDED  
BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

57.0498 US NP

SERIAL NO.

10/849,745

## APPLICANTS

Sherwood et al

FILING DATE

20 May 2004

GROUP

3672

## REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee
	AA	5 636 693	06/10/97	Elmer
	AB	5 904 209	05/18/99	Kenworthy et al
	AC	5 937 946	08/17/99	Streetman
	AD	5 957 199	09/28/99	McLean et al
	AE	6 059 040	05/09/00	Levitan et al

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Translation	
					Yes	No
	AF	2 261 030 A	05/05/93	GB		

## OTHER INFORMATION PROVIDED (AUTHOR, TITLE, DATE, PLACE OF PUBLICATION, PERTINENT PAGES, ETC.)

	AG	Hutlas et al, A practical approach to removing gas well liquids, Journal of Petroleum Technology, August 1972, pp. 916-922
	AH	Turner et al, Analysis and prediction of minimum flow rate for the continuous removal of liquids from gas wells, SPE 2198 (Society of the Petroleum Engineers of AIME), November 1969, pp. 1475-1482

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

1. The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
2. This is not a representation that a search has been made.